

OREGON AND WASHINGTON DEPARTMENTS OF FISH AND WILDLIFE

JOINT STAFF REPORT WINTER FACT SHEET NO. 14 April 4, 2005

STOCK STATUS

Spring Chinook

- The preseason spring Chinook run size forecasts include returns of 254,100 upriver stock and 116,900 Willamette stock.
- The upriver spring Chinook count through April 3 at Bonneville Dam total 48 Chinook. Based on the recent 5-year average, 5% of the run has passed by this date and 50% has passed by April 26th. Run size updates begin in late April.
- The Willamette spring Chinook count through March 31 at Willamette Falls total 281 adult Chinook. Passage is ahead of recent years and is on track to meet the preseason forecast. Run size updates begin in early May.

Wild Winter Steelhead

- The preseason forecast is for a return of 27,000 wild winter steelhead to the Columbia River mouth.
- Passage at Willamette Falls totaled 3,719 wild winter steelhead as of March 30, 2005.
- Willamette wild winter steelhead typically represent 40% of the total wild winter steelhead return to the Columbia River. Current data suggests the run is 55% of forecast.

FISHERY UPDATES

Non-Indian Salmon Commercial Fishery

- An estimated 2,100 spring Chinook were landed during the most recent fishing period (March 31-April 1, 8-hours).
- Mainstem landings to date total 5,364 spring Chinook with a 43.9% average upriver stock component. The fishery has also handled an estimated 322 wild winter steelhead.
- Impacts on upriver Chinook total 0.281% of the preseason forecast, which represents 47% of the 0.6% management guideline or 36% of the 0.8% impact limit.
- Impacts on wild winter steelhead total 0.255% of the preseason forecast, which represents 13% of the 2.0% management objective.
- The joint states will not recommend a fishery today based on poor Bonneville Dam Chinook passage and test-fishing results. Additional fishing periods may be considered when Chinook abundance and/or passage improve.

Chinook and Steelhead Data from 2005 Winter Commercial Season							
Fishing Period	Gear	Deliveries	White Sturgeon	Total Chinook Kept	% Upriver Stock	Steelhead Handle	
						Total	Wild Winter
Winter Sturgeon Jan 18-Feb 25	9"	110	473	83	30%	0	0
Mar 1-2 (12 hr) + Mar 3-4 (12 hr)	9"	118	9	300	29%	80	59
Mar 8-9 (12 hr) + Mar 10-11 (20 hrs)	9"	217	33	674	27%	0	0
Mar 15-16 (12 hr)	9"	128	16	640	30%	43	21
Mar 29-30 (8 hr) + Mar 31-Apr 1 (8 hr)	4.25	286	12	3,667	51%	823	242
Total		859	543	5,364		946	322

Spring Chinook Fishery 2005																						
Preliminary Observation Data*																						
	Mesh size	# Drifts	Lower R.			Upriver			Chinook no VSI			Total Chinook	Ratio Chinook /Steelhead	Total Steelhead	Steelhead				Steelhead /Drift	Wild Sthd /Drift	% Upriver Chinook	% Marked Chinook
Date			Clipped	No Mark	Unknown	Clipped	No Mark	Unknown	Clipped	No Mark	Unknown				Hatchery	Wild	Unknown	DNA count				
Feb 27 Test	4.25"	15	0	0	0	0	0	0	0	0	0	0.0	3	2	1	0	0	0.20	0.07	0%	0%	
Mar 1-2 Full Fleet	9"	56	2	3	0	2	0	0	0	0	0	7	3.5	2	1	1	0	0	0.04	0.02	29%	57%
Mar 3-4 Full Fleet	9"	57	9	2	0	1	0	0	1	0	0	13	6.5	2	0	2	0	1	0.04	0.04	8%	85%
Mar 6 Test	4.25"	16	6	3	0	0	1	0	0	0	0	10	2.5	4	2	2	0	0	0.25	0.13	10%	60%
Mar 8-9 Full Fleet	9"	53	29	11	0	3	2	0	1	0	0	46	0.0	0	0	0	0	0	0.00	0.00	11%	72%
Mar 10-11 Full Fleet	9"	48	20	5	0	2	1	0	2	0	0	30	0.0	0	0	0	0	0	0.00	0.00	11%	80%
Mar 13 Test	4.25"	10	7	3	0	2	0	0	0	0	1	13	1.2	11	5	6	0	6	1.10	0.60	17%	75%
Mar 15-16 Full Fleet	9"	69	25	7	0	5	2	0	0	0	1	40	20.0	2	0	1	1	1	0.03	0.01	18%	77%
Mar 20 Test	4.25"	20	3	1	0	0	0	0	0	0	0	4	0.5	8	5	3	0	2	0.40	0.15	0%	75%
Mar 21 Research	4.25"	6	1	0	0	1	0	0	0	0	0	2	0.5	4	2	2	0	2	0.67	0.33	50%	100%
Mar 22 Research	4.25"	16	9	5	0	0	0	0	0	0	0	14	0.0	9	3	6	0	6	0.56	0.38	0%	0%
Mar 22 Test	4.25"	34	25	2	0	8	1	0	0	0	0	36	1.6	23	2	11	0	11	0.68	0.32	25%	92%
Mar 23 Research	4.25"	7	2	0	0	2	1	0	0	0	0	5	1.3	4	2	2	0	1	0.57	0.29	60%	80%
Mar 26 Research	4.25"	6	0	0	0	0	0	0	0	0	0	0	0.0	1	0	1	0	1	0.17	0.17	0%	0%
Mar 27 Test	4.25"	19	29	11	0	8	2	0	0	0	0	50	6.3	8	4	4	0	3	0.42	0.21	20%	74%
Mar 29-30 Full Fleet	4.25"	58	40	16	0	27	5	0	9	7	0	104	5.5	19	9	10	0	8	0.33	0.17	36%	73%
Mar 31-Apr 1 Full Fleet	4.25"	69	114	32	0	37	11	0	27	12	0	233	6.1	38	29	9	0	5	0.55	0.13	25%	76%
Apr 3 Test	4.25"	15	14	3	0	16	5	0	0	0	0	38	5.4	7	3	4	0	4	0.47	0.27	55%	79%
Totals		574	335	104	0	114	31	0	40	19	2	645	8.0	81	69	65	1	51	0.14	0.11	25%	76%
*ALL DATA IS PRELIMINARY. Only fish observed are reported. Catch from drifts made prior to on-board monitoring are not included.																						

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- No Compacts are scheduled at this time. Future Compacts may be announced as early as next week.